

Official Tasks

- Forest statistics
- Testing and inspection of pesticides
- Timber scaling methods and guidelines
- Forest tree breeding
- Forest damage diagnostic and advisory service
- National forest inventory
- Monitoring of forest health
- Basis for forest taxation
- Monitoring regeneration success in protection forest area

Metla's strengths

- Long-term experience in developing infrastructure for forestry and forest sector with a large clientele
- Competent R&D personnel
- Global actor and understanding of international forest issues
- Modern facilities and equipment and accredited lab procedures
- Shared use of resources with many collaborators
- Productivity and cost-effectiveness
- Efficient utilisation of research material and field experiments



Services – information, expertise and experience
www.metla.fi/palvelut/index-en.htm

Researchers – experts in their fields
www.metla.fi/tutkimus/tutkijat-en.htm

Research programmes
www.metla.fi/tutkimus/ohjelmat-en.htm

Research projects
www.metla.fi/tutkimus/tutkimukset-en.htm

Research Forests – research, information and recreation
www.metla.fi/metsat/index-en.htm

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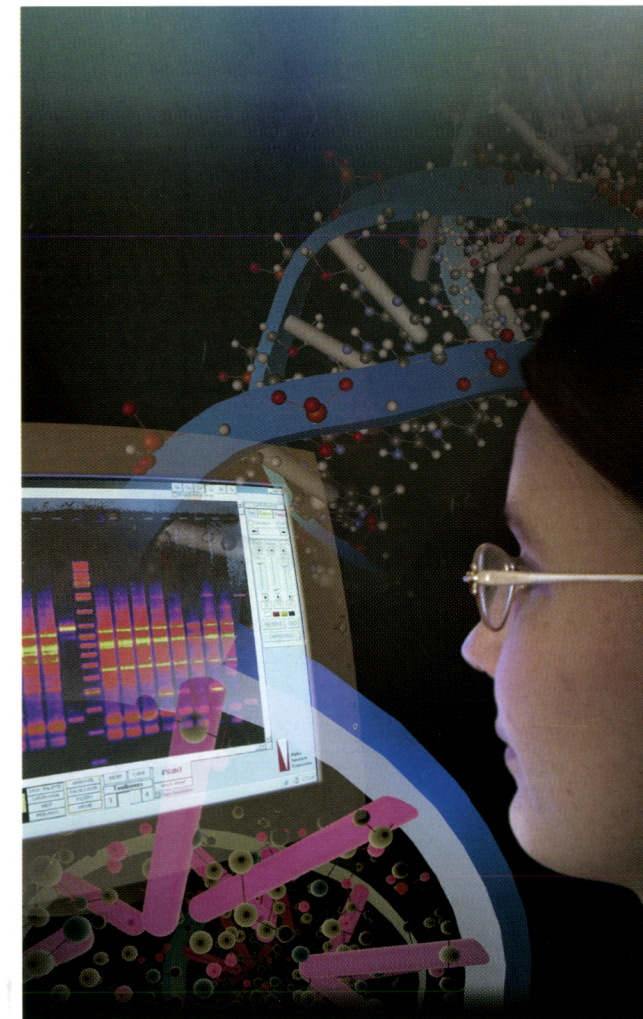
The Finnish Forest Research Institute

Builds the future of the forest sector and well-being of society through research

Suomi

Svenska

English





METLA'S VISION

Is to position Metla as the most influential and effective national and international institution with expertise on sustainable use of forests and one that anticipates the information needs of its clients.

Metla conducts research and development activities that have high scientific standards and positive impacts aimed to enhance sustainable use of forests as well as economic competitiveness of the forest sector. Metla is a governmental research institute, subordinate to the Ministry of Agriculture and Forestry and one of the biggest forest research institutes in Europe. Amount of personnel is 800.

Finland is the most heavily forested country in Europe, with 76 % of its area covered by forests. The mission of Metla is to build the future of the forest sector by producing and disseminating information and know-how for the well-being of society. Metla was founded in 1917, and it operates a large amount of permanent field experiments producing extensive measuring data. In addition to research and information reserve management, Metla creates forecasts relating, for example, to the health status of forests, harvesting prospects, and the timber trade.

The research priorities are

- 1) forest-based enterprise and business activities
- 2) social impact of forests
- 3) structure and functioning of forest ecosystems
- 4) information databanks on forestry and the forest environment



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Forest-based enterprise and business activities

Profitable and competitive forestry, forest industry and other forest-based sources of livelihoods provide employment and enhance economic growth and regional development.

Core expertises are:

- Silvicultural methods
- Properties of wood as a raw material
- Production economy applied in forest management and use
- Business economics



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Social impact of forests

A well-organised forest sector promotes the social and economical development of society.

Core expertises are:

- Forest economy at the national economy level, especially the profitability of forest economy and forest policy methods
- Environmental economy of forest-based services

The structure and function of forest ecosystems

The knowledge of the structure and function of forest ecosystems is the basis of sustainable use of forests.

Core expertises are:

- Forest ecological yield and development dynamics, including chemical flows in forests
- Interactions between genetic structures and forest use
- Biology of forest diseases and pests and the methods to control and prevent them
- Mechanisms of biodiversity



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Information databanks on forestry and the forest environment

Databanks and information databases on forestry and the forest environment form the foundation for the information technology based forestry and environmental sectors.

Core expertises are:

- Forest inventory methods
- Forestry planning methods
- Information technology
- Forest carbon pools and fluxes